

**Bid No 24-071 Data Frame Replacement - Elementary and Middle Schools**

**Base Proposal**

**Date: 01/14/2025**

SYSTEC101 will be providing the following:

Please note that based on County's RFB, SYSTEC101 will replace the existing wall mounted cabinets with 2-Post racks and Remount the network equipments from the wall mount cabinets to the 2-Post racks in (1) Elementary School and (2) Middle Schools under Town of Wallingford.

Site address : Town of Wallingford, CT (Includes 1 Elementary School and 2 Middle Schools)

**BASE BID**

School Name	Each School Total
Parker Farms Elementary School	\$ 4,566.25
James H. Moran Middle School	\$ 4,566.25
Dag Hammarskjold Middle School	\$ 4,566.25

Grand Total	\$ 13,698.76
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**Scope of Work**

Systec101, LLC will replace the existing wall mounted cabinets with 2-Post racks and Remount the network equipments.

School Name	Site Address
Parker Farms Elementary School	30 Parker Farms Rd, Wallingford, CT 06492, USA
James H. Moran Middle School	141 Hope Hill Rd, Wallingford, CT 06492, USA
Dag Hammarskjold Middle School	106 Pond Hill Rd, Wallingford, CT 06492, USA

**Parker Farms Elementary School**

1. SYSTEC101 will furnish and install (1) 2-post standard rack on the concrete floor to replace the wall mounted cabinet.
2. We will furnish and install (1) Chatsworth rack ground jumper kit.
3. We will furnish and install (2) Chatsworth velocity vertical cable manager single sided 6'H..
4. We will remount patch panels to the new rack and make connections that matches the previous setup.
5. We will remount Switch to the new rack.
6. We will remount any other equipments including UPS and PDUs to the new rack.
7. We will test (2) Chatsworth 12" W ladder rack.
8. We will test (1) Chatsworth elevation kit for rack.
9. We will test (1) Chatsworth rack to runway mounting plate.
10. We will test (1) Chatsworth 12" W radius drop.
11. We will test (3) Chatsworth 12" W wall angle kit.
12. We will test (1) Chatsworth Junction splice kit.
13. We will test (3) Chatsworth end cap.

**James H. Moran Middle School**

1. SYSTEC101 will furnish and install (1) 2-post standard rack on the concrete floor to replace the wall mounted cabinet.
2. We will furnish and install (1) Chatsworth rack ground jumper kit.
3. We will furnish and install (2) Chatsworth velocity vertical cable manager single sided 6'H..
4. We will remount patch panels to the new rack and make connections that matches the previous setup.
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9. We will test (1) Chatsworth rack to runway mounting plate.
10. We will test (1) Chatsworth 12" W radius drop.
11. We will test (3) Chatsworth 12" W wall angle kit.
12. We will test (1) Chatsworth Junction splice kit.
13. We will test (3) Chatsworth end cap.

**Dag Hammarskjold Middle School**

1. SYSTEC101 will furnish and install (1) 2-post standard rack on the concrete floor to replace the wall mounted cabinet.
2. We will furnish and install (1) Chatsworth rack ground jumper kit.
3. We will furnish and install (2) Chatsworth velocity vertical cable manager single sided 6'H..
4. We will remount patch panels to the new rack and make connections that matches the previous setup.
5. We will remount Switch to the new rack.
6. We will remount any other equipments including UPS and PDUs to the new rack.
7. We will test (2) Chatsworth 12" W ladder rack.
8. We will test (1) Chatsworth elevation kit for rack.
9. We will test (1) Chatsworth rack to runway mounting plate.
10. We will test (1) Chatsworth 12" W radius drop.
11. We will test (3) Chatsworth 12" W wall angle kit.
12. We will test (1) Chatsworth Junction splice kit.
13. We will test (3) Chatsworth end cap.

**Common:**

1. SYSTEC101 will remount the cables to the patch panel and test.
2. All labeling will be machine printed.
3. All terminations and testing will be done as per TIA/EIA/BICSI standards.
4. We will provide the Owner with closeouts (test results and as-builts) at the end of the project.

**Scope of work by others:**

1. All 110 VAC, conduit, coring, stub-ups, single device cover, junction boxes, and structural reinforcement.
2. Adequate on-site storage will be provided.
4. Furnishing and installation of network equipment (switches, SFPs, uplink patch cords and servers) and ISP link (firewall, routers and demarc extension).
5. Furnishing and installation of HVAC and electrical systems in the IDF/MDF Room.
6. Furnishing and installation of Empty conduits and stub up conduits.

**Qualifications:**

1. Due to extreme price fluctuations, we can only hold the material pricing for 60 days. Any material price hikes after 60 days will be borne by the client.

2. All work is to be performed during regular working hours, unless otherwise noted.
3. If required, stub ups, conduit and coring are to be provided by customer.
4. Pricing does not include any surface raceways, wiremold, power poles, UPS and PDUs or any scope of work related to security, networking equipments.
5. SYSTEC101 must have proper access to all areas necessary to complete the project in a timely fashion.
6. No demo, cutover, ISP link, network equipment and its related accessories (SFPs, aggregators, and uplink patch cords) is included in this proposal.
7. Based on Chatsworth IT buildout solution.
8. Any additional labor or material required beyond the scope of this proposal will be done on a change order, signed by a customer representative.
9. Furnishing and installation of cables for the TV system, WAP system, and video surveillance system, exclusively at the facility, along with Transportation.
10. Pricing does not include any cable tray or its related products.
11. Conduits should be made ready prior to cabling installation.
12. No copper backbone cabling is included in this proposal.
13. **All pathways and sleeves to be existing.**
14. **Telecommunication grounding busbar to be existing.**
15. **No Penetrations are included in this proposal**

#### Parker Farms Elementary School

##### Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
55053-103	Chatsworth Standard 2-post rack 19"W x 7"H x 3"D; Gray; 45 RMU	1	\$ 258.55	\$ -	\$ 258.55	\$ 258.55
40604-001	Chatsworth 3/8inch Concrete Floor installation Kit Zinc	1	\$ 35.06	\$ -	\$ 35.06	\$ 35.06
40159-008	Chatsworth Rack Ground Jumper Kit, 2lbs (0.9kg)	1	\$ 75.74	\$ -	\$ 75.74	\$ 75.74
13902-703	Chatsworth Velocity Vertical Cable Manager single sided 6'H.	2	\$ 318.97	\$ -	\$ 318.97	\$ 637.94
10506-706	Chatsworth elevation kit for rack	1	\$ 60.40	\$ -	\$ 60.40	\$ 60.40
10595-712	Chatsworth rack to runway mounting plate	1	\$ 56.38	\$ -	\$ 56.38	\$ 56.38
10250-712	Chatsworth 12" W ladder rack	2	\$ 162.23	\$ -	\$ 162.23	\$ 324.46
12100-712	Chatsworth 12" W radius drop	1	\$ 46.84	\$ -	\$ 46.84	\$ 46.84
11421-712	Chatsworth 12" W wall angle kit	3	\$ 37.46	\$ -	\$ 37.46	\$ 112.39
11302-701	Chatsworth Junction splice kit	1	\$ 15.77	\$ -	\$ 15.77	\$ 15.77
10642-001	Chatsworth end cap	3	\$ 10.91	\$ -	\$ 10.91	\$ 32.72
N/A	Miscellaneous cost	1	\$ 360.00	\$ -	\$ 360.00	\$ 360.00
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	32	\$ -	\$ 75.00	\$ 75.00	\$ 2,400.00
N/A	Project Management and Handling Charges	2	\$ -	\$ 75.00	\$ 75.00	\$ 150.00

Total: Equipment \$ 2,016.25

Total: Labor \$ 2,550.00

Grand Total \$ 4,566.25

#### James H. Moran Middle School

##### Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
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Total: Equipment \$ 2,016.25

Total: Labor \$ 2,550.00

Grand Total \$ 4,566.25

#### Dag Hammarskjold Middle School

##### Equipment and Labor

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Total: Equipment \$ 2,016.25

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